

Attorney Docket No.: **DEX-0209**
Inventors: **Salceda et al.**
Serial No.: **09/886,241**
Filing Date: **June 21, 2001**
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This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of the claims:

Claims 1-2 (canceled)

Claim 3 (currently amended): A method for ~~diagnosing~~ detecting the presence of ~~breast~~ cancer in a patient comprising:

(a) determining levels of a ~~breast specific gene (BSG)~~ polynucleotide of SEQ ID NO:4 or a polynucleotide encoding a polypeptide encoded by SEQ ID NO:4 in cells, tissues or bodily fluids in a patient; and

(b) comparing the determined levels of ~~BSG~~ polynucleotide of SEQ ID NO:4 or a polynucleotide encoding a polypeptide encoded by SEQ ID NO:4 with levels of ~~BSG~~ polynucleotide of SEQ ID NO:4 or a polynucleotide encoding a polypeptide encoded by SEQ ID NO:4 in cells, tissues or bodily fluids from a normal human control, wherein a change in determined levels of ~~BSG~~ polynucleotide of SEQ ID NO:4 or a polynucleotide encoding a polypeptide encoded by SEQ ID NO:4 in said patient versus normal human control is associated with the presence of ~~breast cancer, wherein the BSG comprises a polynucleotide of SEQ ID NO:4, a polynucleotide encoding the same polypeptide as encoded by SEQ ID NO:4 or a protein encoded thereby.~~

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Claim 4-15 (canceled)

Claim 16: (new) The method of claim 1 wherein the cancer
detected is breast cancer.